

1     **WHAT IS CLAIMED IS:**

2             1. A suspension device for a tool handle, the suspension device  
3 comprising:

4             a hollow body (10) having

5                 a back plate (11) with a top edge, a bottom edge, two side  
6 ends, a front surface and a rear surface;

7                 two braces extending respectively from the two side ends of  
8 the back plate (11), each of the two braces has a top edge and a  
9 bottom edge;

10                a top bracket extending from the front surface of the back  
11 plate (11) near the top edge and having a front end, two side edges  
12 connected respectively to the top edges of the two braces, a U-shaped  
13 recess (13) formed in the front end, two ears (14) formed respectively  
14 on opposite sides of the U-shaped recess (13) at the front end, and two  
15 pivot pin holes (15) formed respectively in the ears (14) near the front  
16 end;

17                a bottom bracket extending from the front surface of the back  
18 plate near the bottom edge to correspond to the top bracket and having

19                a front end, two side edges connected respectively to the  
20 bottom edges of the two braces, a U-shaped recess formed in the front  
21 end, two ears formed respectively on opposite sides of the U-shaped  
22 recess at the front end, and two pivot pin holes formed respectively in  
23 the ears near the front end; and

24                two roller spaces (16) defined between opposite two of the

1 ears (14) on the top and bottom bracket;  
2 an elastic bracket (20) made of resilient material and having a  
3 straight sheet (21) with two ends and two roller sleeves (22) formed  
4 respectively at the two ends of the straight sheet (21), wherein the straight  
5 sheet (21) has an outer face and each roller sleeve (22) is mounted in the  
6 roller space (16) and has a roller cavity (23) defined in the roller sleeve (22);  
7 two rollers (24) mounted respectively inside the two roller cavities  
8 (23) and having axial through holes (242); and  
9 two pins (25) respectively passing through the pivot pin holes (15)  
10 respectively in the opposite two of the ears (14) on the top and bottom  
11 brackets and the axial through holes (242) in the rollers (24) to pivotally  
12 attach the elastic bracket (20) to the hollow body (10).

13 2. The suspension device for a tool handle as claimed in claim 1,  
14 wherein the hollow body (10) further has two hooks (12) attached to and  
15 extending out from the rear face of the back plate (11).

16 3. The suspension device for a tool handle as claimed in claim 1,  
17 wherein the suspension device further comprises a track assembly having  
18 a track (31) with two short ends, two long hooked ends and  
19 two accesses respectively defined in the two short ends; and  
20 two end plugs (33) detachably mounted respectively at the  
21 two short ends to close the accesses;

22 wherein the back plate (11) further has a top lip (112) formed along  
23 the top edge and a bottom lip formed along the bottom edge to respectively  
24 engage the hooked end on the track (31) through the accesses.

1           4. The suspension device for a tool handle as claimed in claim 1;  
2   wherein the elastic bracket (20) is made of rubber.

3           5. The suspension device for a tool handle as claimed in claim 1,  
4   wherein the elastic bracket (20) is made of pliable synthetic material.

5           6. The suspension device for a tool handle as claimed in claim 1,  
6   wherein the outer face on the elastic bracket (20) has multiple ridges (212)  
7   defined transversely on the entire outer face.

8           7. The suspension device for a tool handle as claimed in claim 6,  
9   wherein the outer face of the elastic bracket (20) has multiple widened V-  
10   shaped grooves (214) defined transversely at intervals on the outer face.

11          8. The suspension device for a tool handle as claimed in claim 7,  
12   wherein each roller cavity (23) has an inner surface and multiple teeth (222)  
13   formed longitudinally on the inner surface; and

14          each roller (24) has an outer surface and multiple teeth (244) defined  
15   longitudinally on the outer surface to match with the multiple teeth (222) in  
16   the roller cavity (23) of a corresponding one of the roller sleeves (22).